

Mellish Reef - VK9Z The VK9ZM DXpedition

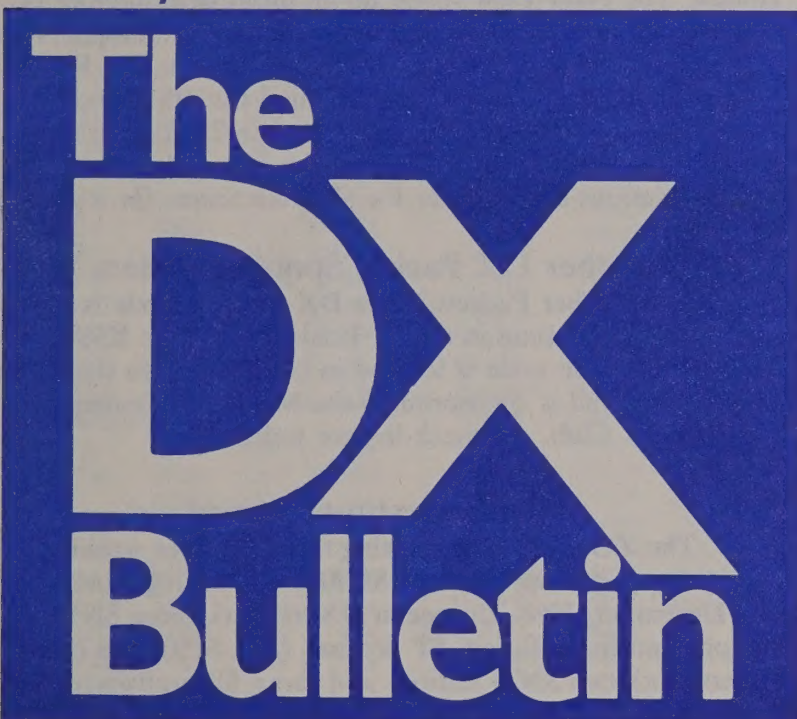
continues on track. DXpeditioners leave Cairns in northern Australia Jan. 3, and should arrive at Mellish about four days later, for a stay of about 10 days. Usual DXpedition frequencies. On 160, watch 1827/32 kHz. Sunrise is 1908Z, sunset 0815Z. QSL cards to NM2L.

Namibia - ZS3 Chris ZS6BCR confirms his ZS3Z

DXpedition Dec. 17-24, with ZS4TX. They'll concentrate on 160, 80, 40, and 6 meters, running a continuous beacon on 50.1 MHz. If you hear the beacon, contact them on HF. They'll also have 2-meter moonbounce gear. Chris hopes to move over to Swaziland 3DA0 Dec. 27-Jan. 1, operating CW only. QSL to ZS6BCR. Sunrise 0415Z, sunset 1730Z.

Burkina Faso - XT XT9T was on CW in early Dec., right beam heading and fade pattern. Operator Alex UA4NCL said to QSL to RA9YD.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

Zone 2 - VO2 Martin VE2EDK will return to CQ Zone 2

Dec. 22, for at least one week, as VE2EDK/VO2. He'll concentrate on 10-meter CW. To help pay for the trip, he requests 2 IRCs or US\$1 per QSL card, to Martin Benoit, 37 Sauvageau, Beauport, Quebec G1C 5N2, Canada.

Nepal - 9N The Japan UNICEF Ham Club says they will

start their 9N88C operation at 0300Z on 21333 kHz Dec. 25. They intend operation on all bands, CW, SSB, and FM, with limited time on 160, 30, and 6 meters. Watch 03, 13, 23, 33, 133, 233, or 333 kHz up. QSL to the club at Box 3, Yakumo, Hokkaido 049-31, Japan.

Cayman Brac - ZF9 Peter W2YG says he'll operate 20-10 meter SSB and CW Dec. 26-Jan. 3, with a ZF2/ZF9 callsign. QSL to home call.

Reserve Your Island - ARRL DX Tests

- Nao N1CIX, Ross WB6GFJ, and John W1XX will operate FO0FB from the Marquesas Islands (OC-27) for the ARRL SSB test in early March. [John chairs the ARRL Hq. Awards Committee, which votes on new DXCC countries. Perhaps he thinks he can convince the DX Advisory Committee that French Polynesia is a country by reason of Government, a necessary condition to have the Marquesas count as a separate DXCC country. -ed.]
- A multi-single operation from Aruba in ARRL SSB will sign P40T. NB2P, NZ2R, W2FCR, and P43GR are the operators.
- Jim K1TN will again operate from The Last Resort as VP2MDC in the CW test Feb. 18-19. He'll be there Feb. 11-25. And Will AA4NC will return to The Last Resort for the SSB contest, operating VP2MU.
- J8DX will be a multi-single operation in both CW and SSB tests. QSL to W5PWG.

Shortly Noted

- Tom Gregory 9Q5NW says his TN4NW operation in CQWW CW was the last such in 1988. He'll make one more trip across the river next year.
- J52US is working the US on 160 meters at local sunset. He's especially looking for west coast stations. Watch 1832 kHz.
- TU4BR/5U7 wraps up his Niger operation soon. He's concentrating on 75 meters, 3790-3802 kHz just before his sunrise: 05-0600Z, for West Coast low-banders.
- A92BE promises to be on 3795 kHz 00-0300Z every Thursday.
- C9MKT's next operation is Jan. 13-15, 1989. Try 28595 kHz at 1500Z, 21335 kHz at 1800Z, as well as 14195 and 14025 kHz. QSL to SM5KDM.
- Regulars (callsign, frequency or band, UTC): VS6DO 1826 1130Z; OD5VT 3796 0300Z; SU1EE 7003 2300Z+; ZD8IAN 7007 0530Z; RV0YF (Zone 23) 20M CW 00-0200Z; UI9ACQ 14009 0315Z; 5V7TM 14182 2200Z; UH8AAC 20M SSB 0145Z; 7P8DP 15M SSB 1845Z; A22FN 15M SSB 2100Z; HV3SJ 21290 1545Z and 10M CW 1400Z; S92LB 15M SSB 2100Z; 9J2BO 10M CW 1300Z; HB0CZS 28003 1400Z; 9K2DR 10M SSB 1300Z; AH9AC 28515 2200Z; J52US 28500 1800Z; SU1EK 28600 1300Z; and ZD9BV 28466 1600Z.
- RTTY stations: KH2CH 14075 FEC 0820Z; A35SA 14084 0800Z; CO2BB 28096 1430Z; SV9AKD 21076 FEC 1540Z; HC8VB 14076 FEC 0430Z; TA2BE 28074 ARQ 1400Z; 9K2DZ 14072 ARQ 0400Z; FK8BK 14074 ARQ 0820Z; EA8IY 14089 0045Z; 7X2CK 14091 0900Z.

QSL Information

- JG1OUT says he'll have the UA6./UG5G cards out early next year. He hasn't received the logs yet.
- The 3W8CW/DX cards sent to the wrong postal code in Vienna are being forwarded. Don't resend them.
- QSL ZF2MZ/ZF8, VP5U, and K3IPK/VP5 via K3IPK.
- QSL CQWW multi-multi special call OL8A via OK3LZ.
- P40I in November was K7RIE. QSL home call. The P40V contacts will be automatically QSLed via the bureau.

Propagation

Forecast and Historical Data

Day	Forecast	27 Days Before	55 Days Before
December			
16	Above Normal	11/19 156 07/04 0	10/22 166 00/09 0
17	Above Normal	11/20 147 03/03 0	10/23 171 06/10 2
18	Above Normal	11/21 157 05/06 1	10/24 170 05/10 1
19	Above Normal	11/22 150 03/06 1	10/25 164 03/08 1
20	Above Normal	11/23 139 01/05 0	10/26 157 06/11 2
21	Above Normal	11/24 142 02/05 1	10/27 163 06/12 2
22	Above Normal	11/25 143 04/07 2	10/28 158 06/13 1
23	High Normal	11/26 142 13/18 2	10/29 156 02/09 0
24	High Normal	11/27 145 09/11 2	10/30 167 03/09 3
25	Above Normal	11/28 142 09/10 2	10/31 161 11/15 2
26	Above Normal	11/29 143 07/09 1	11/01 157 07/11 2

Propagation Watch

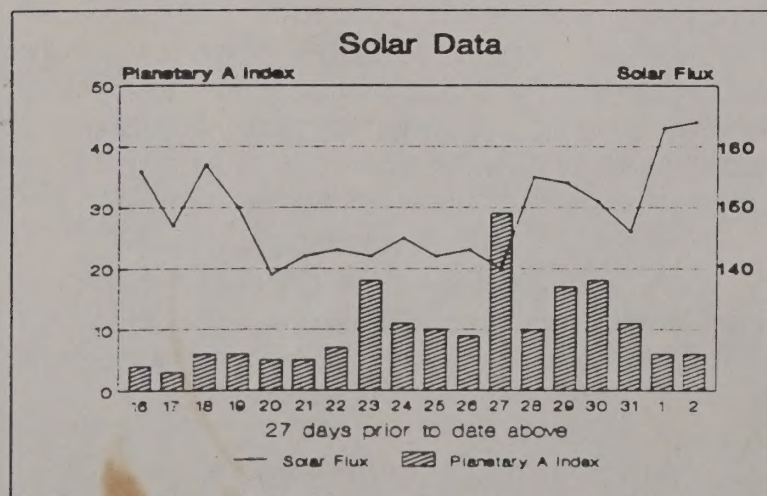
Solar activity began to pick up in mid-December, after about six weeks of relative stable conditions. A few new solar regions (groups of sunspots) have appeared. Also, some of the regions that produced little activity during the last solar revolution seem to have increased in complexity while on the back side of the sun.

The increase in solar activity is welcome news for DXers, as increased flux levels will boost signal strengths on the higher bands, and keep 10 and 12 meters open longer in the evening. Counteracting this increase is the seasonal decline in maximum usable frequency (MUF), as days shorten around the winter solstice.

The long stretch of very low geomagnetic activity was broken at the end of November, just in time to raise absorption and lower signal strengths for the CQ 160 Meter Test Dec. 3-4. Mid to late November saw very good low-band openings, thanks to the quiet geomagnetic field.

The bands have settled into their winter mode: good daylight openings on the higher bands, following the sun. Don't expect 10, 12, or 15 meters to stay open much past local sunset. 20 and 30 meters continue open into the early evening, with some choice polar-path DX available on days of low geomagnetic activity. The early morning 20-meter long-path opening to the southeast is well worth watching.

40 meters offers good DXing, beginning a hour or so before local dawn, to the west, and again around local sunset, to the east. If absorption and noise permit, check 80 meters, and even 160 at the same times. Night owls will often find good DX on the lower bands at all hours; local midnight seems to be a particularly productive time.



CQWW CW Multi-Multi Showdown

Three major contest DXpeditions to the Caribbean shattered the old multi-multi record in CQWW CW test at the end of November. The raw (un-duped) scores show **PJ1B** edging out the CQWW SSB record-breaking team of **P40V** by the slimmest of margins: 1.8%! **KP2A**, battling against the 3/2 point differential, was not far behind in either QSOs or multipliers, but a distant third behind the South American crews. Scores as reported on 3833 kHz 15 minutes after the contest (contacts, zones, countries) (thanks to W2GD):

Band	PJ1B	P40V	KP2A
160	795 17 66	333 16 38	601 20 64
80	1555 23 80	1646 27 83	1549 22 86
40	3380 37 129	3051 32 113	2907 35 114
20	4060 40 139	3730 39 141	2753 39 130
15	3560 39 134	4422 39 141	3743 40 131
10	3664 37 116	3875 38 130	2895 34 105
Total	17014 193 664	17057 191 648	15456 190 620
Score	43.45 meg	42.65 meg	33.8 meg

The **KP2A** score is fully duped, as they ran the **K1EA** CQWW contest logging program on-line for the entire contest. The **P40V** crew rolled up an impressive number of contacts on 15 meters, but fell badly behind in multipliers on 160 meters, and to a lesser extent on 40 meters. The **KP2A** multiplier totals are only a shade behind the other two.

With a score difference of less than 2% before dupes, the race for the new record holder is still too close to call. Congratulations are in order for all three teams for a great job!

Another DX Packet Spotting System

Yet another PacketCluster DX spotting node is up and running, this time in the St. Louis, MO, area: **K9SD**, on 144.91 MHz. The node is located in Godfrey, IL, to the north of St. Louis, and is sponsored by the Mississippi Valley Contest/DX Club. All check-ins are welcome.

Polonia Restituta Award

The ZO PZK is sponsoring this award for working special event stations with the **SN70** prefix during November and December, 1988. European DXers work three **SN70** stations and five different SP prefixes (**SP1-SP9**), and other DXers work two **SN70** stations and three SP prefixes. A small donation is highly appreciated, but not obligatory. Send the application with General Certification Rules to ZO PZK, Box 606, PL 30-960 Krakow 1, Poland.

The six **SN70** stations have suffixes of **BYT**, **KRA**, **LUB**, **POZ**, **SUL**, and **WAR**. The suffixes mark Polish cities of particular significance in the national independence efforts in 1918: Bytom, Krakow, Lublin, Poznan, Sulejowek, and Warszawa.

6 Meters Opens

6-meter DXers got a taste of what's in store on the Magic Band in the next two years, with some excellent openings on Sunday, Dec. 11. The East Coast worked Europe and Africa, and then worked into the West Coast. West Coast 6-meter DXers enjoyed their first solid opening into Hawaii in many months, with **KH6HI** (**BL01**) hitting 40 dB over **S9**. As the sunspot numbers continue to increase, look for more widespread 6-meter openings in coming months.

B . A . N . D . P . A . S . S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.

All "portable" calls listed with country of operation first, regardless of format used on the air.

RTTY

4X6UO	14093	1921	30	MI
CT3BY	14094	2339	29	OH
EA8IY	14088	0100	7	CA
LU2FDN	14099	0102	26	OH
OA4WM	14096	0025	28	OH
OD5ET	14092	1942	30	MI
OE2DAN	14093	1909	30	MI
PY2EQ	14092	0006	30	OH
YO6AOO	14085	1902	30	MI

160 Meters

KX6DC	1832	0855	3	TN
PJ2EE	1838	0551	12	MS
VP2MDC	1838	0441	4	VT
VS6DO	1826	1200	7	CT
XF1C	1830	0624	6	WA
YV1OB	1813	0125	3	TN

80 Meters

3A2EE	3503	2154	4	MA
4U1UN	3508	0337	4	MA
5U7/	3590	0550	4	AL
TU4BR				
6W/F2CW	3503	0605	30	VT
HA7UO	3515	0305	4	NC
HZ1AB *	3508	1511	4	OR
JA1FNU	3501	1201	3	MD
OK1ALW	3519	0317	4	NC
PY0FF	3510	2140	3	MA
TA1SK	3503	2124	3	MA
TF6ZZ	3502	2115	30	MA
UA0FM	3505	1155	30	MA
UA9UDI*	3507	1145	2	MA
UL8LWO	3501	0307	30	MA
VS6DO	3511	1210	4	AL
YT3GO	3512	0117	2	FL

75 Meters

4X6UJ	3797	0257	3	MA
5B4OA	3799	0217	30	MA
5U7/	3790	0505	4	CA
TU4BR *	3790	0515	4	OR
5V7WD	3799	0458	3	IL
A92BE	3794	0125	2	MA
FP5DX	3797	0512	4	MA
OD5VT	3795	0309	1	MA
OZ1FTE *	3788	1512	6	OR
OZ8BV	3795	0227	4	NH
SM5SB *	3788	1437	2	OR
SP6GCU *	3788	1520	6	OR
TP0CE	3797	0113	3	MA
TU2QQ	3792	0607	4	CA
VK6LK *	3798	2112	3	MA
VK9NS	3800	1208	30	IL

40 Meters

7X3DA	7029	0626	4	IL
9J2KF	7010	2340	4	AL
9M2AX *	7003	2340	7	CT
9V1UD	7004	1420	1	OR
AH9AD	7040	1130	6	CT
BY4RB	7004	1225	10	FL
CN8EL	7002	2325	30	MA
CT3DJ	7013	2252	6	FL
EA9GK	7011	0019	2	FL
KH2D	7007	1311	30	TX
LZL1LV	7003	1510	4	CA
OY1CT	7002	0112	7	FL
SU1EE	7015	0419	5	OR
SU1ER	7035	0327	26	IN
SV0CR	7002	2300	8	MA
T32AB	7015	0608	2	AL
TA2AO	7004	0409	8	MA
UA0YO	7004	1432	1	OR

UA1O/	7020	0555	6	MA
UA0DDU	Franz Josef Land			
UA9KM	7003	1055	4	OR
UB5IJM	7028	0530	4	NY
UD6DKW	7004	1324	5	AR
UG6GAW	7004	1405	1	OR
UG6GDW	7005	0450	7	WA
UL7CAD	7011	0405	4	CA
VK9NS	7005	1038	9	MA
VQ9QM	7002	1552	24	OR
VS6DO	7004	1210	1	FL
VU2TEC	7005	1203	10	FL
XX9KA	7007	1248	6	CA
YC8RFF	7075	1018	4	OR
ZD8IAN	7009	0244	4	FL
ZD8JP	7004	2322	8	CT

30 Meters

J37XC	10118	2209	7	CT
UB5LDU	10106	0405	7	CT
VP8IAN	10105	1935	25	NH
ZS6FS	10107	0416	30	IN

20 Meter CW

3B8CF	14029	0331	3	CT
4S7EA	14010	2213	4	FL
4S7TP	14011	2337	6	FL
5N0SKO	14014	0710	29	TX
5N9SRC	14010	2257	6	FL
BY1QH	14028	1146	28	NH
BY8AC	14019	0138	3	CT
D68JL	14022	0400	22	IN
JT1KAA	14042	0330	1	CA
JT1T	14033	0335	1	CA
JT1TW	14009	0145	3	CA
OD5LX	14002	0244	9	MI
PZ2AC	14029	0245	30	CA
RA4BB	14014	0320	28	OR
RH8AA*	14027	1224	5	MA
RV0YF	14005	0013	3	AR
ST2KR	14018	2145	2	MA
T32AB	14026	1932	1	ID
TF3CW	14029	2150	4	FL
TX5RSY	14003	1400	4	MA
U1ZA/A	14040	0129	9	MI
UA0HAE	14022	0344	5	OR
UA0YAL	14010	0156	6	FL
UA1O/	14011	2210	2	MN
UA0BDU	Franz Josef Land			
UA1ODG	14014	1225	2	MA
UG5G/	14035	0200	25	MO
UW6HWI				
UI9ACP	14004	0300	9	MI
UI9ACQ	14008	0315	5	FL
VS6UW	14005	1140	3	FL
VU2PCD*	14021	1215	6	MA
XT9T	14003	2300	6	FL
Z21HD	14050	0342	1	NY

20 Meter SSB

3B8AD	14237	0351	3	MD
3B9FR	14214	0320	3	CT
4S7NMR*	14201	0140	7	CA
5V7TM	14181	2202	2	MN
6T2MG	14160	2342	29	AL
9N1RN	14211	0315	4	OR
A22BW	14184	1533	4	OR
A4XKC *	14171	1248	5	MA
A4XKJ *	14171	1233	6	MA
EP2HZ	14199	1411	3	MD
EP2MKN	14199	1409	3	MD
FH8CB	14160	2252	3	AL
IU4BU	14204	2206	30	NY
JT1BG	14165	0354	9	CT
JX1UG	14243	0900	3	AL
KC4AAA	14244	0634	29	TX
SV5TS	14277	0354	26	GA

TU2JL	14187	0540	3	MA
TX6AS	14187	2309	4	OR
UH8AAC	14203	0146	28	MT
UI8DAE	14160	0352	4	OR
UI8FM	14244	0347	9	CT
UJ8XDH	14160	0352	4	OR
UL8DZZ	14249	0309	3	OR
VR6ID	14240	0442	4	GA
VU2AU *	14207	1054	9	MA
VU2DVP *	14165	1241	3	MA
YN3CB	14242	0610	3	NH
ZB2FK	14198	0145	3	NC
ZD8JP	14185	2155	2	MN

17 Meters

CX7AG	18115	0057	29	NS
FY5AU	18110	2035	27	NS
GW3AHN	18110	1147	29	NS
J37AJ	18110	1924	29	NS
ON4PS	18110	1201	29	NS
PY2CDS	18110	2034	27	NS
PY4KS	18115	0110	29	NS
TU2QQ	18146	1637	27	NS

15 Meter CW

9J2AL	21028	1902	4	NY
9M2RU	21033	0107	9	CT
9Q5UN	21003	2210	3	IL
EA6NB	21026	1655	4	WA
IB8A	21002	1256	8	MA
KG4XO	21028	2334	3	MT
OY7ML	21065	1220	2	MD
TU2JU	21035	1404	29	NY
UI9ABE	21010	1235	5	MA
VQ9QM	21019	1606	3	MD

15 Meter SSB

3B9FR	21335	1753	2	MD
3X1SG	21240	1826	2	MA
5U7/	21320	2333	2	NC
TU4BR				
6W1HF	21323	1937	4	OR
6W1NG	21271	2300	30	PA
7P8DP	21291	1838	8	MA
7P8EG	21235	1835	2	MA
9M6HF	21280	2351	3	OR
A22FN	21246	2153	3	MA
BY4RB	21230	0110	9	MA
EL8BS	21256	1735	1	NY
FH4EE	21245	1951	3	CT
HL0X	21249	0201	30	MA
HL0Y	21272	0017	2	MA
HV3SJ	21290	1540	3	AL
J52US	21310	2219	4	OR
PZ1AR	21237	2057	29	NH
S01MZ	21238	1945	4	OR
S83H	21218	1902	2	OR
S92LB	21333	2049	29	MD
V85HG	21285	2333	1	PA
YB9LC	21250	0007	4	OR
ZS3W	21337	1938	4	OR

12 Meters

5B4OG	24903	1430	4	CT
KX6GL	24950	2320	3	CT
LX2KQ	24950	1517	20	NS
P29ZL	24951	2210	22	NS
TK5BF	24951	1401	20	NS
TU4QQ	24960	1550	3	CT

10 Meter CW

3D2TB	28029	2245	3	IL
5T5CJ	28024	1521	4	FL
9J2BO	28021	1328	4	AR
9J2KF	28016	1615	4	MO
9Q5DX	28024	1225	5	CT
9Q5UN	28014	2120	3	IL
AT0Z	28063	1403	30	GA

C30BT	28005	1337	4	GA
C30LBT	28010	1759	5	IN
CV0Z	28025	1750	4	AR
FK8FN	28004	2116	3	AL
HB0CZS	28001	1350	4	MO
KC6CS	28015	2131	30	GA
KX6DS	28040	2245	9	FL
SU1EE	28024	1228	8	CT
SV9ADH	28021	1534	4	FL
TA3D	28013	1440	3	IL
UG6GG	28028	1420	6	MD
VS6UP	28042	0015	30	GA
VU2BK	28036	1309	7	MA
XT9T	28004	1437	5	GA
YN3CC	28007	1341	3	MA
Z21FN	28028	1350	3	IL

10 Meter SSB

3D2TB	28605	2220	2	GA
3DA0AH	28528	1831	2	GA
5Z25LL	28570	1305	2	GA
6W1AAD	28549	1753	3	TN
7P8DP	28423	1610	3	NH
7P8EG	28700	1517	3	MA
9K2DR	28459	1322	2	MA
AH9AC	28515	2219	2	MA
CE0DFL	28524	2200	5	PA
CV0Z	28491	2216	3	CT
D44BC	28522	1824	3	OR
DU9RG	28538	2323	1	MI
EA8IB	28479	1707	4	WA
EA9NB	28474	1636	4	CA
EL2WK	28460	1655	1	CA
EL7AR	28520	2139	3	OR
FK8FF	28502	0024	2	CA
HK0HEU	28554	1749	4	OR
HV3SJ	28471	1417	2	VT
HZ1AB	28545	1356	3	MD
J52US	28502	1824	2	MD
KC6JC	28509	0101	4	CA
KG6SL	28490	2228	27	CT
LU5EAS	28526	1935	27	MD
P29KN	28490	2119	28	CA
PZ2AC	28498	1745	3	MI
PZ5JR	28501	1905	3	NY
ST4/	28595	1320	2	MA
ON6BC				
SU1EK	28573	1314	1	GA
SU1ER	28573	1423	1	MD
TA3D	28535	1401	3	MD
TP0CE	28443	1552	3	CT
TR8SA	28559	2013	24	CA
TU2PA	28505	2147	3	OR
TZ6FIC	28500	1552	2	CA
TZ6RC	28495	1903	4	WY
UQ1GWW	28407	1354	3	MA
VJ1JP	28529	1517	2	NY
VP8RX	28495	2204	29	MA
VS6DO	28551	1308	28	MD
VU2GUY	28594	1314	6	MD
YH1BGD	28516	1227	9	CT
YJ8NJS	28530	2135	28	CA
ZC4AB	28520	1400	4	IL
ZD9BV	28466	1614	30	MD

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Calendar

Issue 467 - December 16, 1988

(Changes and hot info in boldface.)

Algeria - 7X	7X3DA 40M CW 0630-0730Z	1466
Antarctica	KC4AAA 14240-250 04-0600z	1463
	Y88POL 20M SSB 0030Z	1466
Aruba - P40	P40T M/S ARRL SSB	1467
Ascension - ZD8	ZD8IAN 7007 0530Z	1467
Bahrain - A9	A92BE 3795 00-0300Z Thurs.	1467
Botswana - A2	A22FN 15M SSB 2100Z	1467
Cayman Is. - ZF2	ZF2NF Dec. 27-30, 28455 kHz	1466
Cayman Brac - ZF9	ZF2/ZF9 by W2YG Dec. 26-Jan 3	1467
Central African	TL8HW 15M SSB 1900Z	1464
Chagos - VQ9	VQ9QM 21035-40 1430Z	1465
China - BY	BY4RB 28033 kHz 2330-0030Z	1465
Egypt - SU	SU1EE 7003 kHz 2300Z+	1467
	SU1EK 28600 1300Z	1467
Gabon - TR	TR8SA 28560 kHz 2100Z	1465
Guinea-Bissau - J5	J52US 1832 kHz 0030Z	1466
Hong Kong - VS6	VS6DO 1830 11-1200Z	1467
Ivory Coast - TU	TU2JL 20M SSB 0430Z	1466
Jan Mayen - JX	JX1UG to March	1457
Laccadives - VU7	Dec. 15-March 30	1465
Lebanon - OD	OD5VT 3796 0300Z	1467
Lesotho - 7P8	7P8DP 15M SSB 1845Z	1467
Little Cayman - ZF8	ZF2NC/ZF8 Dec. 13-18	1466
Malagasy - 5R	5R8AL late January	1466
Maldives - 8Q	8Q7BX Dec. 23-Jan 2 CW	1466
Marion Is. ZS8	ZS8MI April 1989	1465
Marquesas - FO	FO0FB early March	1467
Marshall Is. - KX6	KX6DC 1824-33 1030-12Z	1461
	3507 1110Z	1465
Mauritius - 3B	3B8CF 14033 kHz 0230Z	1463
Mellish Reef - VK9	by VE3IEO Jan 6-16	1464
	1827/32 kHz on 160	1467
Minami Torishima	JH7EAY/JD1 for six months	1464
Mongolia - JT	JT1BG 15M SSB 0030Z	1463
Montserrat - VP2M	VP2M/F2JD now on CW	1466
	VP2MDC ARRL CW by K1TN	1467
	VP2MU SSB by AA4NC	1467
Mozambique - C9	C9MKT Jan. 13-15, 21335 1800Z	1467
	14195 1600Z, 28595 1430Z	1466
Namibia - ZS3	ZS3Z CW late December	1466
	160, 80, 40, 6M	1467
Nepal - 9N	9N88C Dec. 25-Jan 5	1465
	03,13,33,133,233,333 kHz up	1467
	9N1RN 14220-40 kHz 0300Z	1465
New Caledonia - FK	FK8FN 10M CW 2000Z	1465

Niger - 5U

Papua New Guinea

TU4BR/5U7 3790-3802 0500Z

by DJ6SI Dec. 26-Jan 1

P29KN 28595 0100Z

XF4C Dec. 15-20 SSB

9X5AA 15M CW 2000Z

J8DX ARRL CW, SSB

EA0BAE Jan 10-Apr 10

7 up on CW, 7043, 14233, 21245

4S7EA 14010 2330Z

4S7TP 20M CW 0100Z

ST2KR 20M CW 2200Z

ON6BC/ST4 25 kHz up, 3500

by ZS6BCR Dec. 27-Jan 1

5H1HK 3507 2145Z

ZD9BV 28466 kHz 1600Z

UH8AAC 20M SSB 0145Z

VP5/G0AZT, AA5AU Jan. 12-19

UI9AAB 20M CW 0230Z

UI8FM 20M SSB 0330Z

HV3SJ 21290 1545Z

9Q5DX 14015 2230-2330Z

VE2EDK/VO2 Dec. 22-29

RV0YF 20M CW 00-0200Z

DX Activities and Contests

Date	Event or Activity	Info
Dec. 31	DXCC Golden Jubilee deadline	OST
Jan. 7-8	ARRL RTTY Contest	OST
Jan. 27-29	CQWW 160 Meter Contest	CQ

Contributors

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